

Converting Colors

`RYB(203, 169, 158)`

Have a look what the booklet for
RYB(203, 169, 158) contains.

RYB(203, 169, 158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(203, 169, 158)

Conversions

Conversions Part 1

Format	Color
Hex	CBA79E
RGB	203, 167, 158
RGB Percent	80%, 65%, 62%
CMY	0.2039, 0.3457, 0.3804
CMYK	0.00, 0.18, 0.22, 0.20
HSL	12°, 30%, 71%
HSV	12°, 22%, 80%
XYZ	44.5894, 42.7437, 38.2480
YIQ	176.7380, 24.3450, 4.8330

Conversions

Conversions Part 2

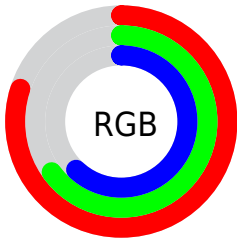
Format	Color
R_{YB}	203, 169, 158
Decimal	13346718
CIE _{Lab}	71.38, 11.87, 9.54
CIE _{LCh}	71, 15.227, 38.791
Yxy	42.7437, 0.3551, 0.3404
Android (android.graphics.Color)	4291536798 (0xFFCBA79E)
YUV	176.7380, -9.2378, 23.0318
Hunter-Lab	65.3787, 7.3276, 11.0791

Details

The RYB color **203, 169, 158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 178, 203**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 224, 213**, and **148, 117, 107** is the 20% darker color. If you saturate the color by 10%, you get **203, 154, 138**, and if you desaturate by 10%, it is **203, 184, 178**.

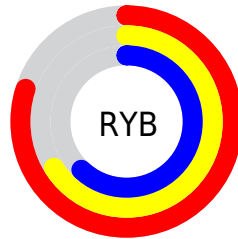
Distribution



Red (80%)

Green (65%)

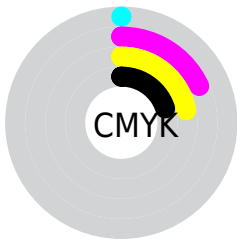
Blue (62%)



Red (80%)

Yellow (66%)

Blue (62%)

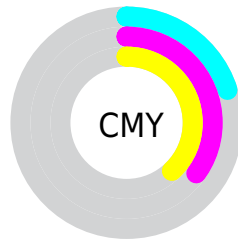


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 169, 158 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 203, 169, 158 by changing the saturation by 10% instead.

 203, 169, 158

 203, 169, 158

255, 255, 255

 175, 142, 132

 255, 224, 213

 148, 117, 107

 247, 255, 241

 122, 92, 83

 97, 69, 59


 72, 45, 38

 49, 24, 17

 28, 0, 0

 0, 0, 0

 203, 169, 158


 203, 169, 158

 203, 154, 138


 203, 184, 178

 203, 138, 117

 203, 199, 199

 203, 123, 97

 203, 210, 219

 203, 108, 77

 203, 219, 239

 203, 92, 57

 203, 227, 255

 203, 77, 36

 203, 229, 255

 203, 62, 16

 203, 50, 0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 165, 171



203, 169, 158



195, 191, 149

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 169, 158



151, 173, 182



165, 173, 202

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



203, 169, 158



158, 178, 203

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



149, 168, 200



203, 169, 158



141, 163, 183

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 169, 158



153, 179, 166



139, 163, 192



183, 170, 196

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203, 169, 158



166, 187, 147



139, 163, 192



159, 171, 202

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



203, 169, 158



255, 242, 237



203, 158, 195



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 169, 158



255, 204, 186



178, 203, 158



102, 95, 92



166, 41, 0



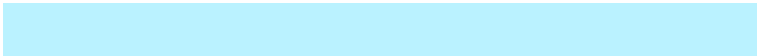
38, 10, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



158, 178, 203



186, 217, 255



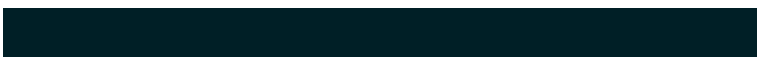
158, 169, 203



92, 96, 102



0, 74, 166



0, 17, 38

Previews

White Background



This preview shows how the RYB color 203, 169, 158 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 203, 169, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

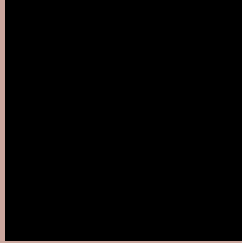
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 203, 169, 158 Background



This preview shows how black text looks on a background with the RYB color 203, 169, 158.



This preview shows how white text looks on a background with the RYB color 203, 169, 158.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
203, 169, 158

Protanopia
173, 181, 162

Deuteranopia
198, 173, 158



Tritanopia
205, 164, 177

Trichromacy



Original Color
203, 169, 158

Protanomaly
189, 177, 161

Deuteranomaly
200, 171, 158

Tritanomaly
204, 165, 170

Monochromacy



Original Color
203, 169, 158

Achromatopsia
177, 177, 177

Achromatomaly
186, 174, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 169, 158 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(203, 167, 158) looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 158) }
```

Border

The CSS property to change the border of an element to RYB 203, 169, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 167, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 167, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 167, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 167, 158);  
box-shadow:4px 4px 4px 4px rgb(203, 167,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 203, 169, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 167, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
167, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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